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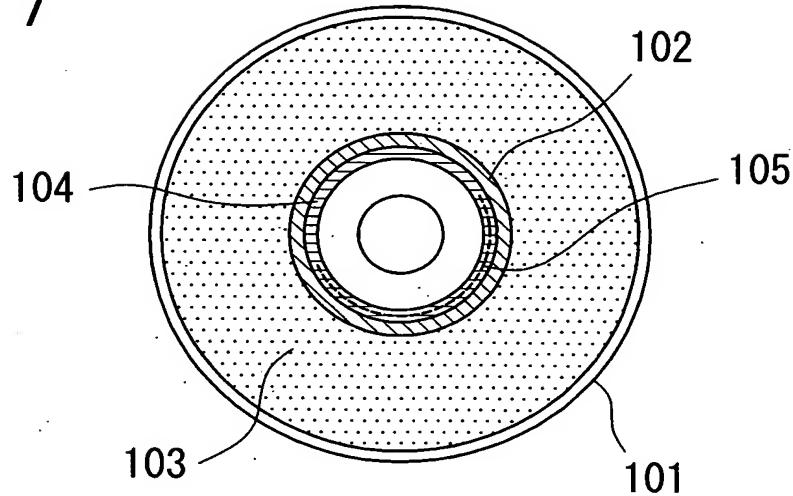
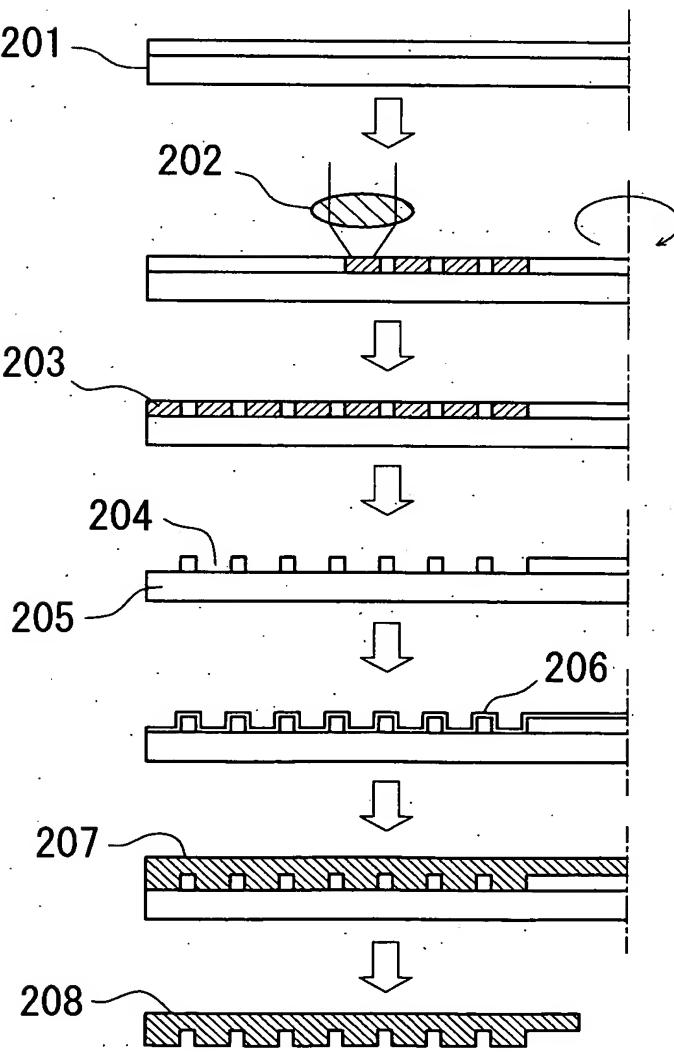
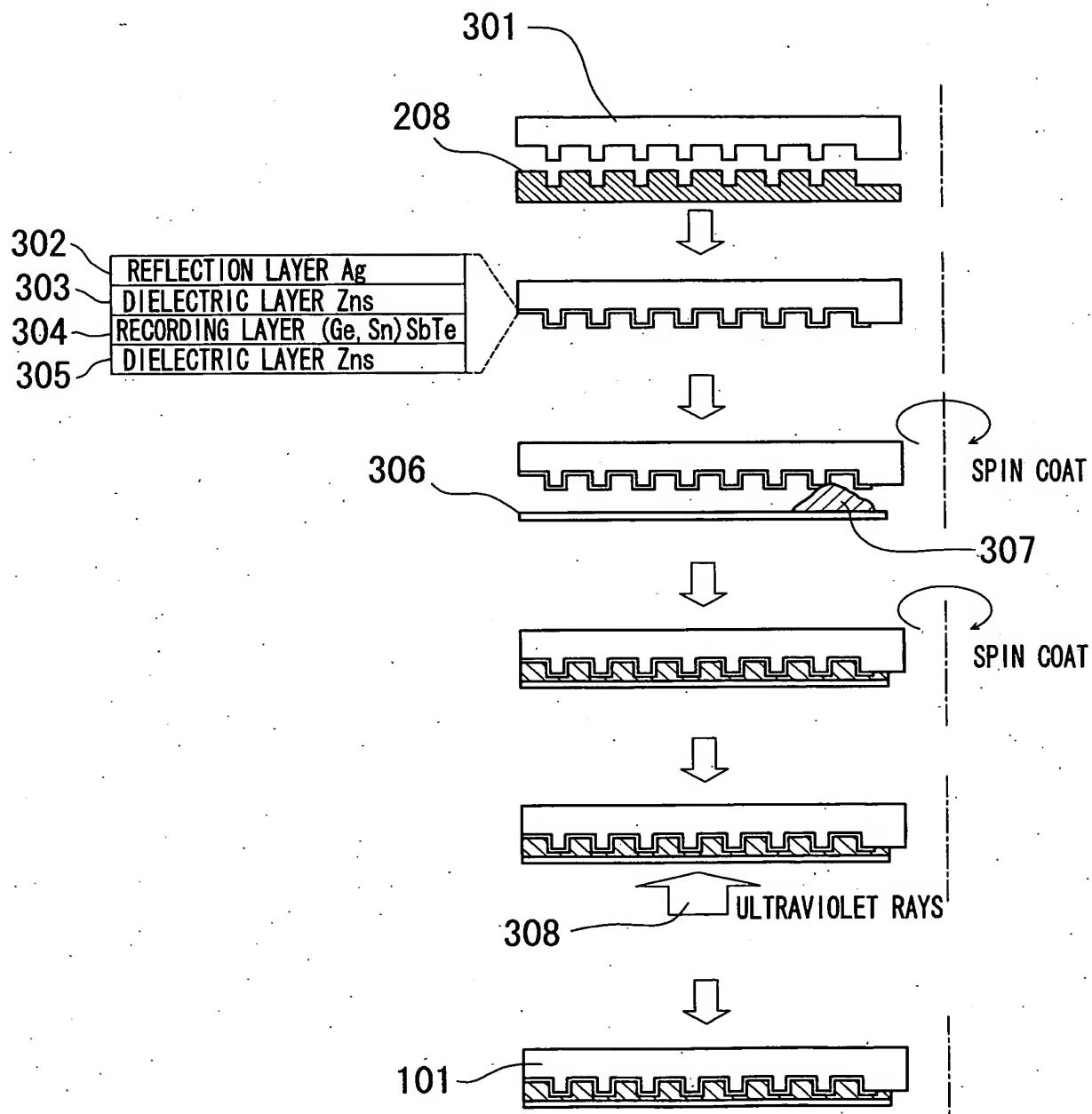
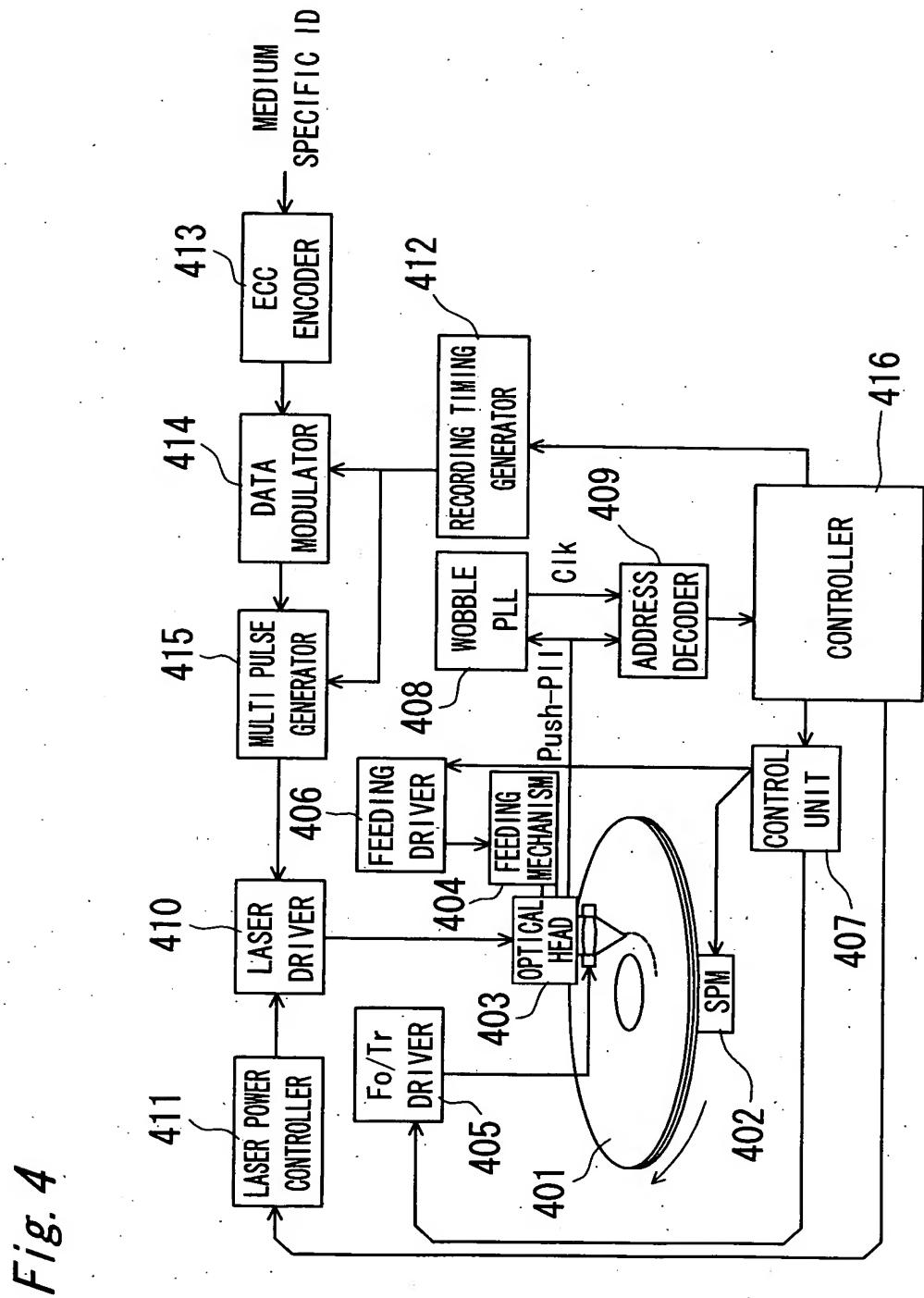
Fig. 1*Fig. 2*

Fig. 3

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Fig. 5A

| | | 5B | | | | |
|---------------------|--|-----------------|-----------------|------------------|-----------------|------|
| | | 1B | | 4B | | |
| RECORDING BLOCK 501 | | SB | | Preamble(A1100h) | | 1row |
| RS ₀ | | I ₀ | I ₁ | I ₂ | I ₃ | |
| RS ₀ | | I ₄ | I ₅ | I ₆ | I ₇ | |
| RS ₀ | | I ₈ | I ₉ | I ₁₀ | I ₁₁ | |
| RS ₀ | | I ₁₂ | I ₁₃ | I ₁₄ | I ₁₅ | |
| RS ₁ | | C ₀ | C ₁ | C ₂ | C ₃ | |
| RS ₁ | | C ₄ | C ₅ | C ₆ | C ₇ | |
| RS ₁ | | C ₈ | C ₉ | C ₁₀ | C ₁₁ | |
| RS ₁ | | C ₁₂ | C ₁₃ | C ₁₄ | C ₁₅ | |
| RS ₂ | | | | | | |

Fig. 5B

| | | 5B | | | | |
|---------------------|--|-----------------|-----------------|------------------|-----------------|------|
| | | 1B | | 4B | | |
| RECORDING BLOCK 501 | | SB | | Preamble(A1100h) | | 1row |
| RS ₀ | | I ₀ | I ₁ | I ₂ | I ₃ | |
| RS ₀ | | I ₄ | I ₅ | I ₆ | I ₇ | |
| RS ₀ | | I ₈ | I ₉ | I ₁₀ | I ₁₁ | |
| RS ₀ | | I ₁₂ | I ₁₃ | I ₁₄ | I ₁₅ | |
| RS ₁ | | C ₀ | C ₁ | C ₂ | C ₃ | |
| RS ₁ | | C ₄ | C ₅ | C ₆ | C ₇ | |
| RS ₁ | | C ₈ | C ₉ | C ₁₀ | C ₁₁ | |
| RS ₁ | | C ₁₂ | C ₁₃ | C ₁₄ | C ₁₅ | |
| RS ₂ | | | | | | |

| | | RECORDING BLOCK 501 | | | | |
|-----------------|--|---------------------|-----------------|------------------|-----------------|------|
| | | 1B | | 4B | | |
| n-TH | | SB | | Preamble(A1100h) | | 4row |
| RS ₀ | | I ₀ | I ₁ | I ₂ | I ₃ | |
| RS ₀ | | I ₄ | I ₅ | I ₆ | I ₇ | |
| RS ₀ | | I ₈ | I ₉ | I ₁₀ | I ₁₁ | |
| RS ₀ | | I ₁₂ | I ₁₃ | I ₁₄ | I ₁₅ | |
| RS ₁ | | C ₀ | C ₁ | C ₂ | C ₃ | |
| RS ₁ | | C ₄ | C ₅ | C ₆ | C ₇ | |
| RS ₁ | | C ₈ | C ₉ | C ₁₀ | C ₁₁ | |
| RS ₁ | | C ₁₂ | C ₁₃ | C ₁₄ | C ₁₅ | |
| RS ₂ | | | | | | |

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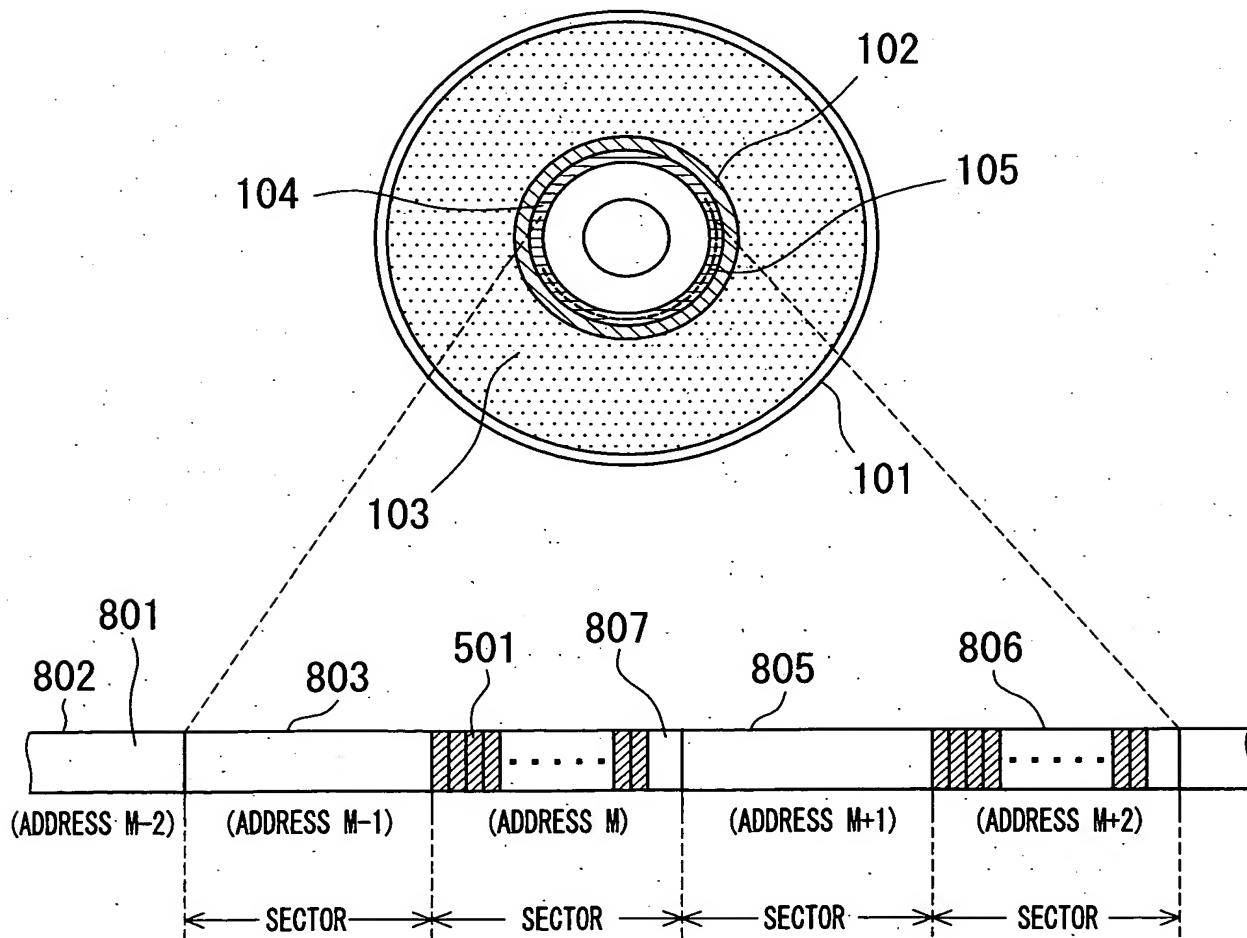
Fig. 6

| SYNC MARK | BIT PATTERN |
|-----------------|------------------|
| SB | 1001010000100001 |
| RS ₀ | 1001010000101001 |
| RS ₁ | 1001010000100011 |
| RS ₂ | 1001010000110001 |

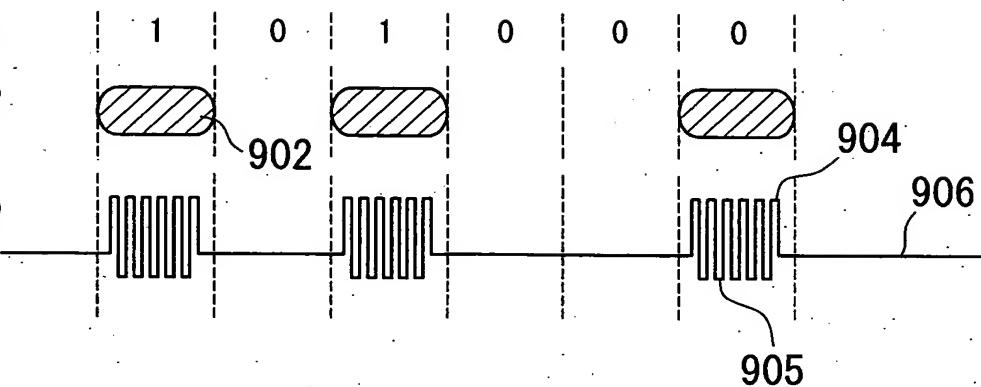
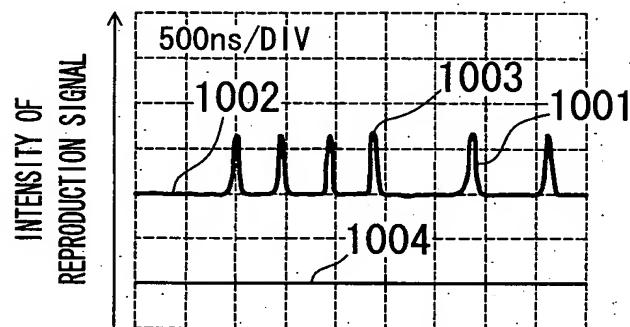
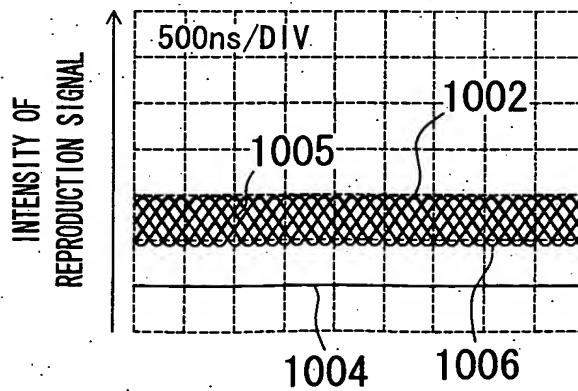
Fig. 7

| DATA BIT | MODULATED DATA BITS |
|----------|---------------------|
| 0 | 10 |
| 1 | 01 |

Fig. 8



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*Fig. 9A**Fig. 9B**Fig. 9C**Fig. 10A**Fig. 10B*

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Fig. 11A

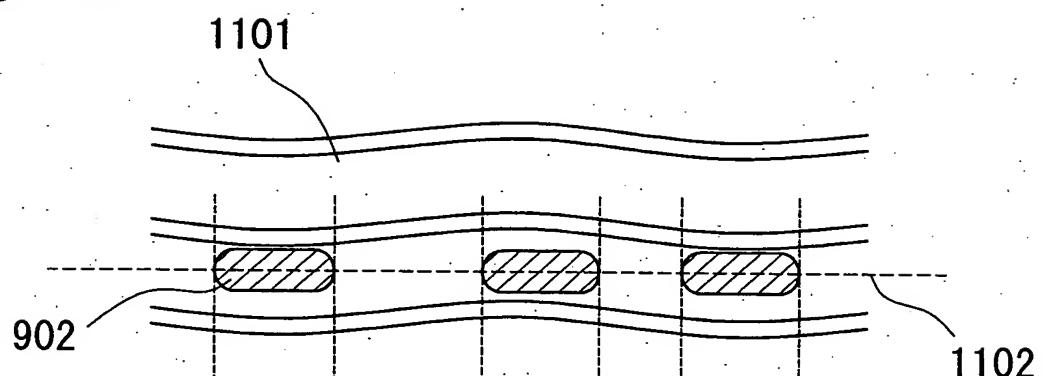
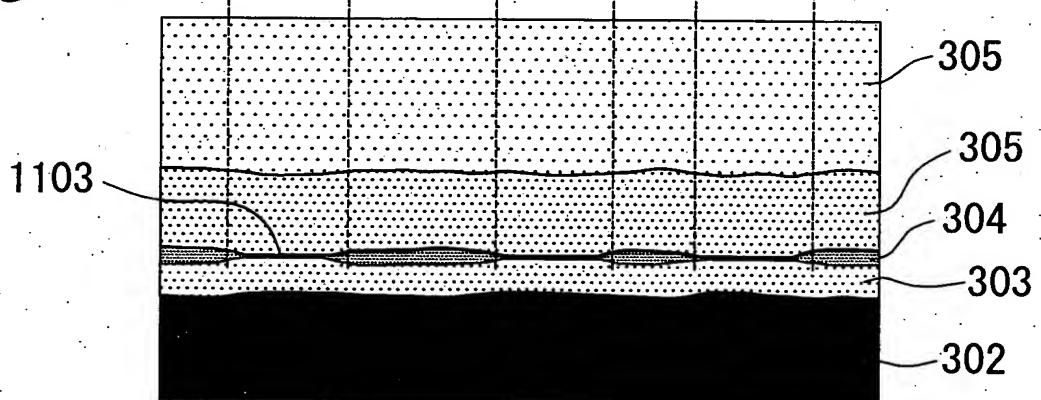


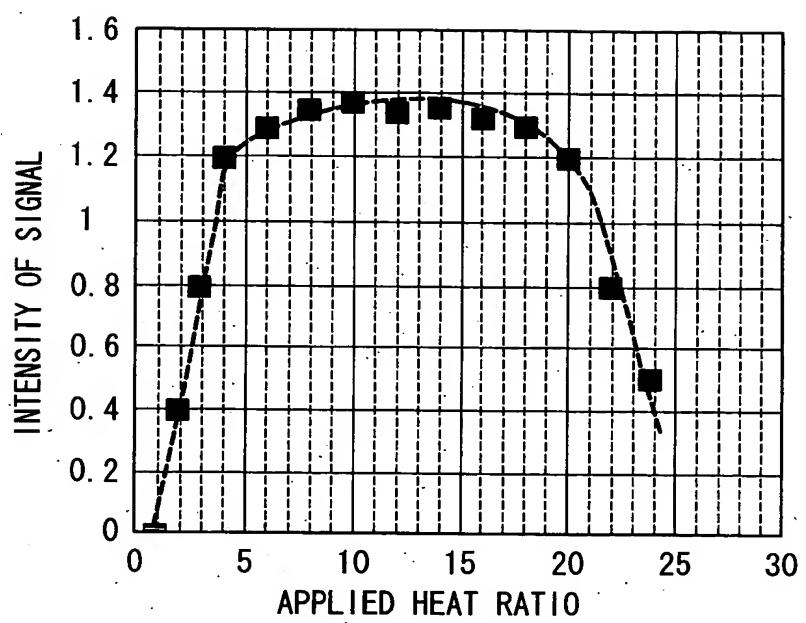
Fig. 11B



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Fig. 12



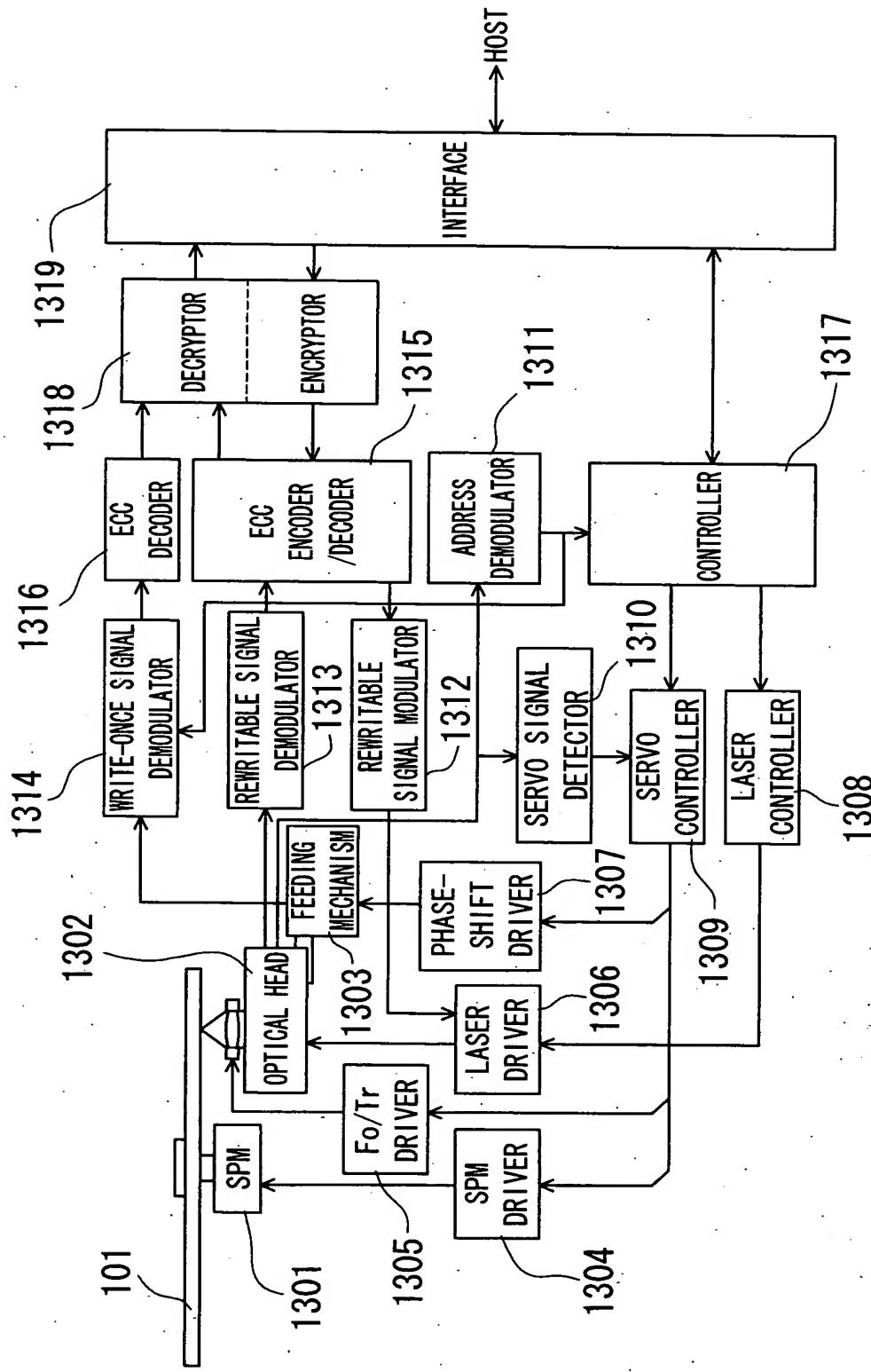


Fig. 13

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Fig. 14

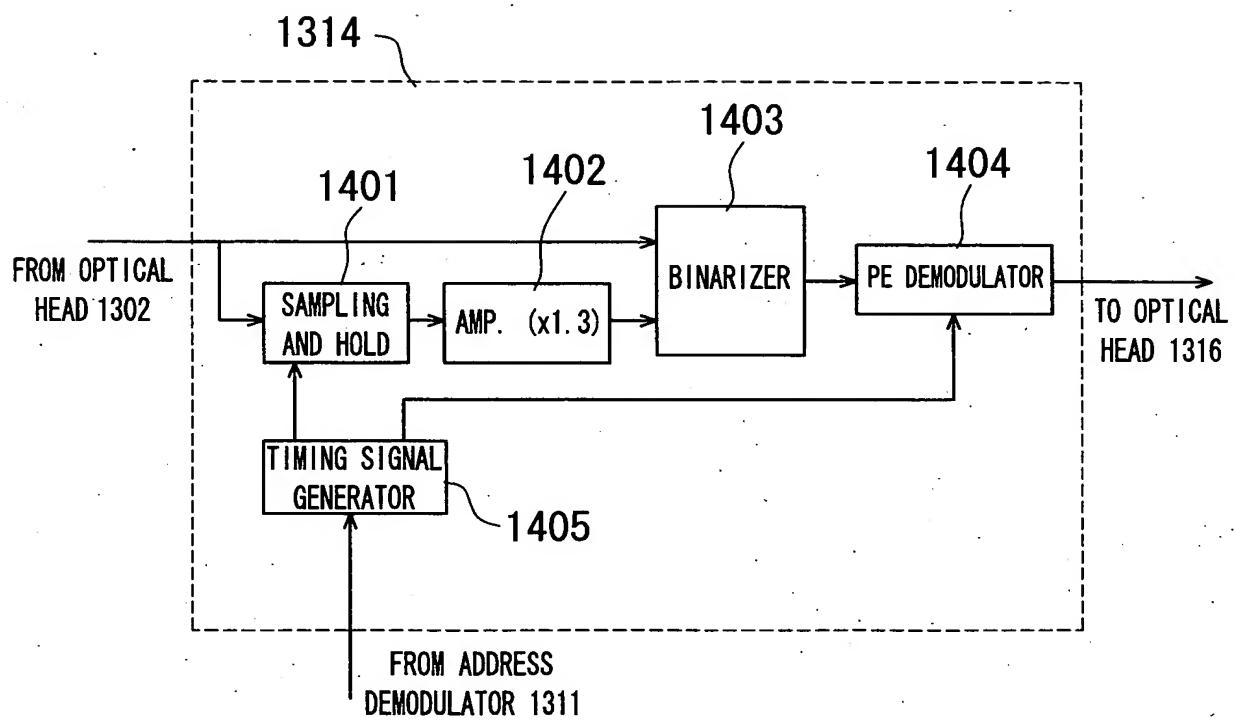
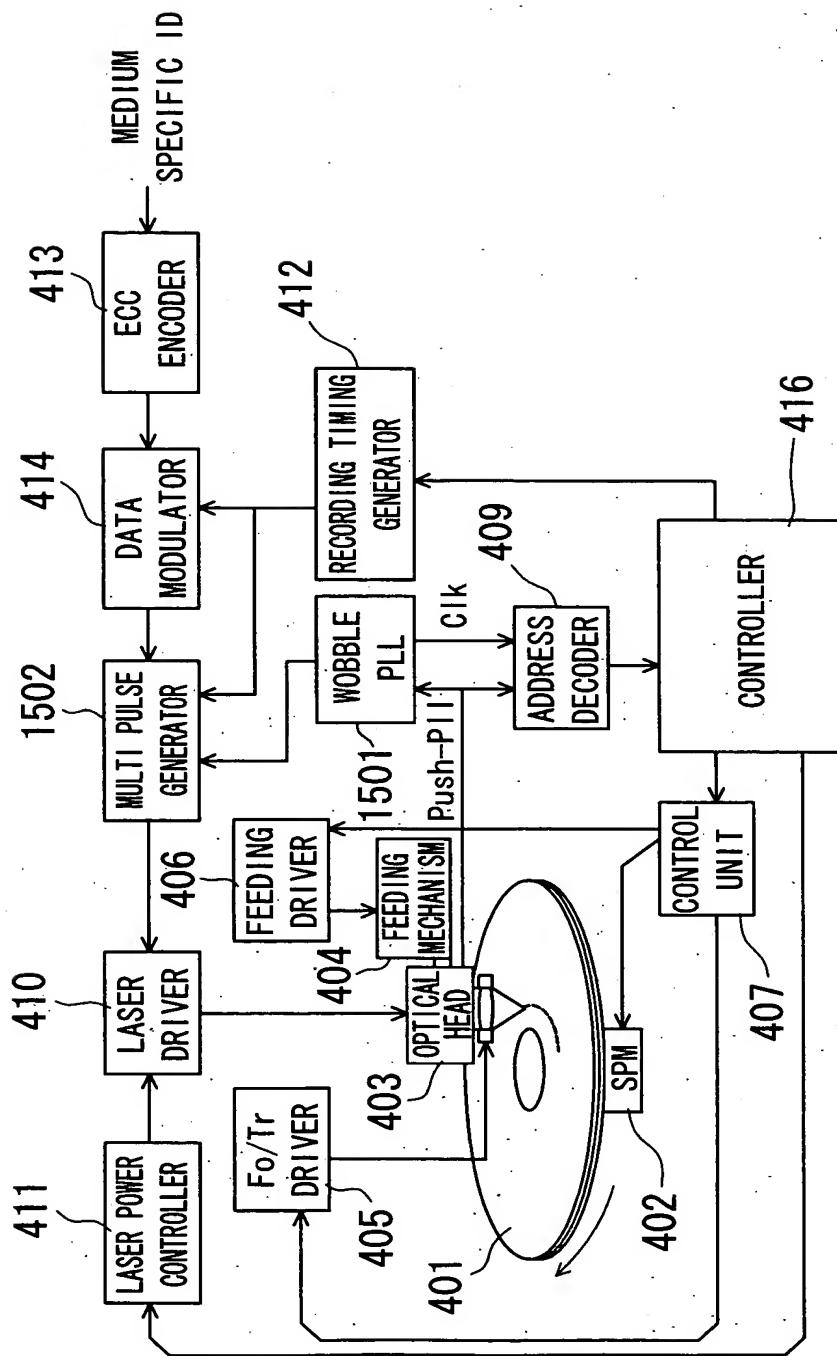


Fig. 15



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Fig. 16A

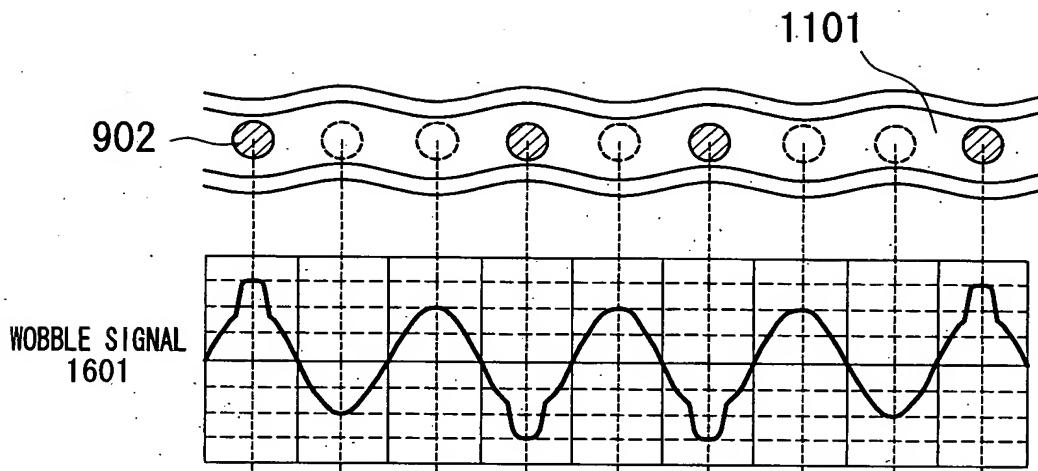


Fig. 16B

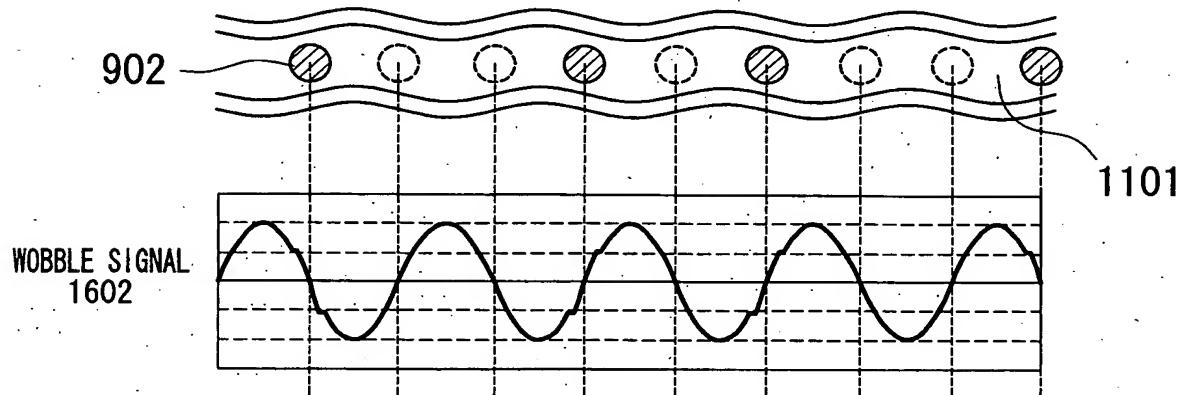


Fig. 17

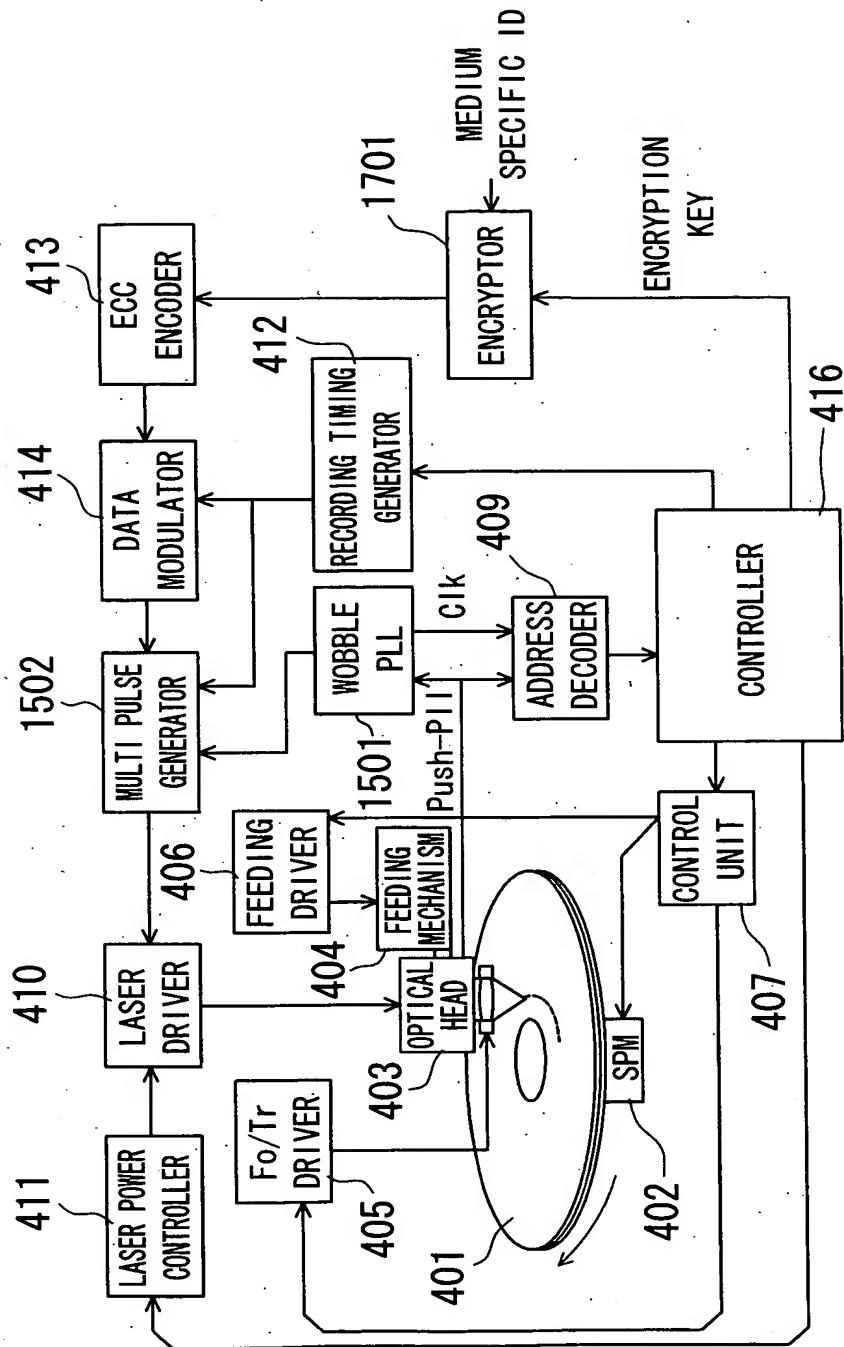


Fig. 18

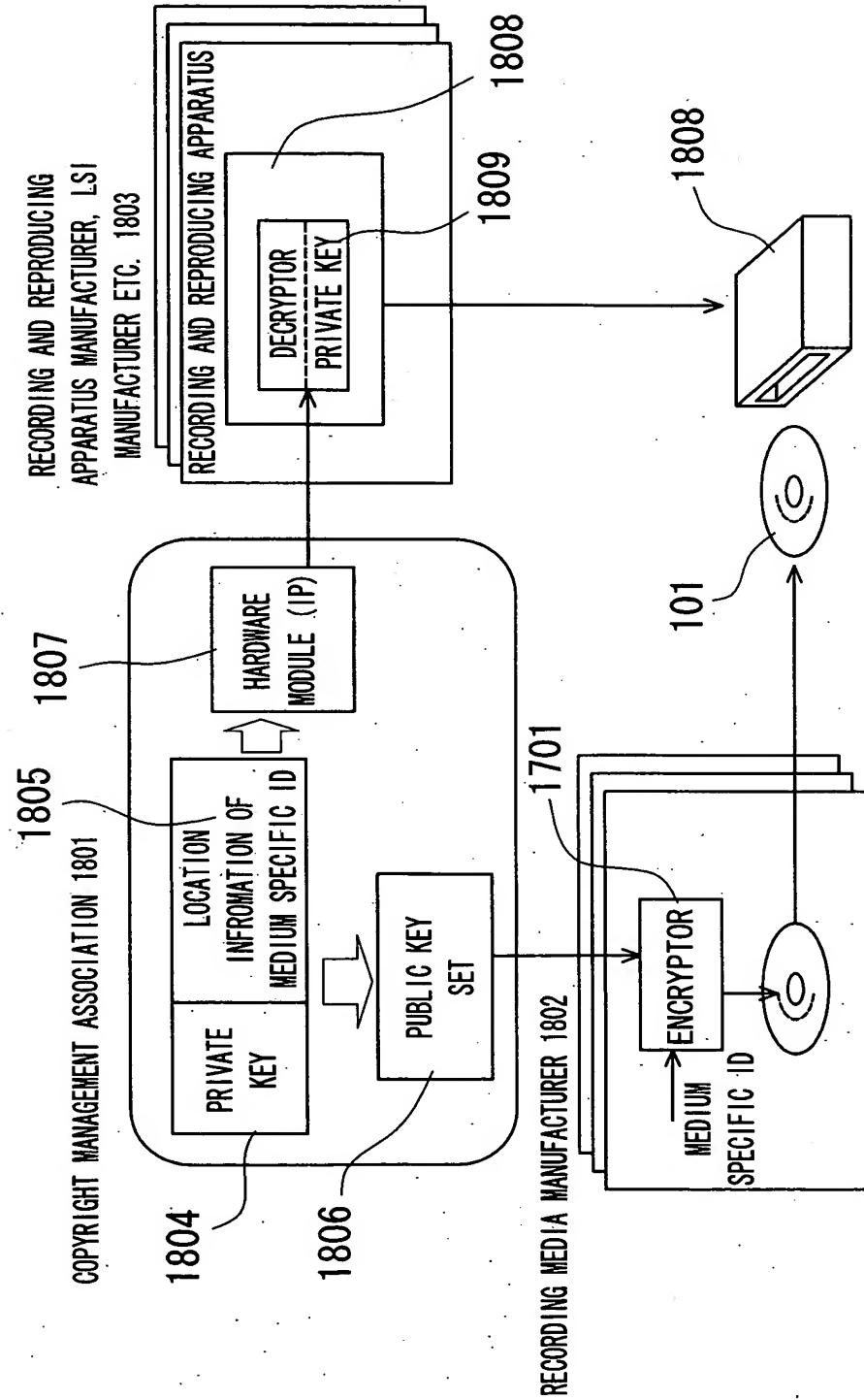
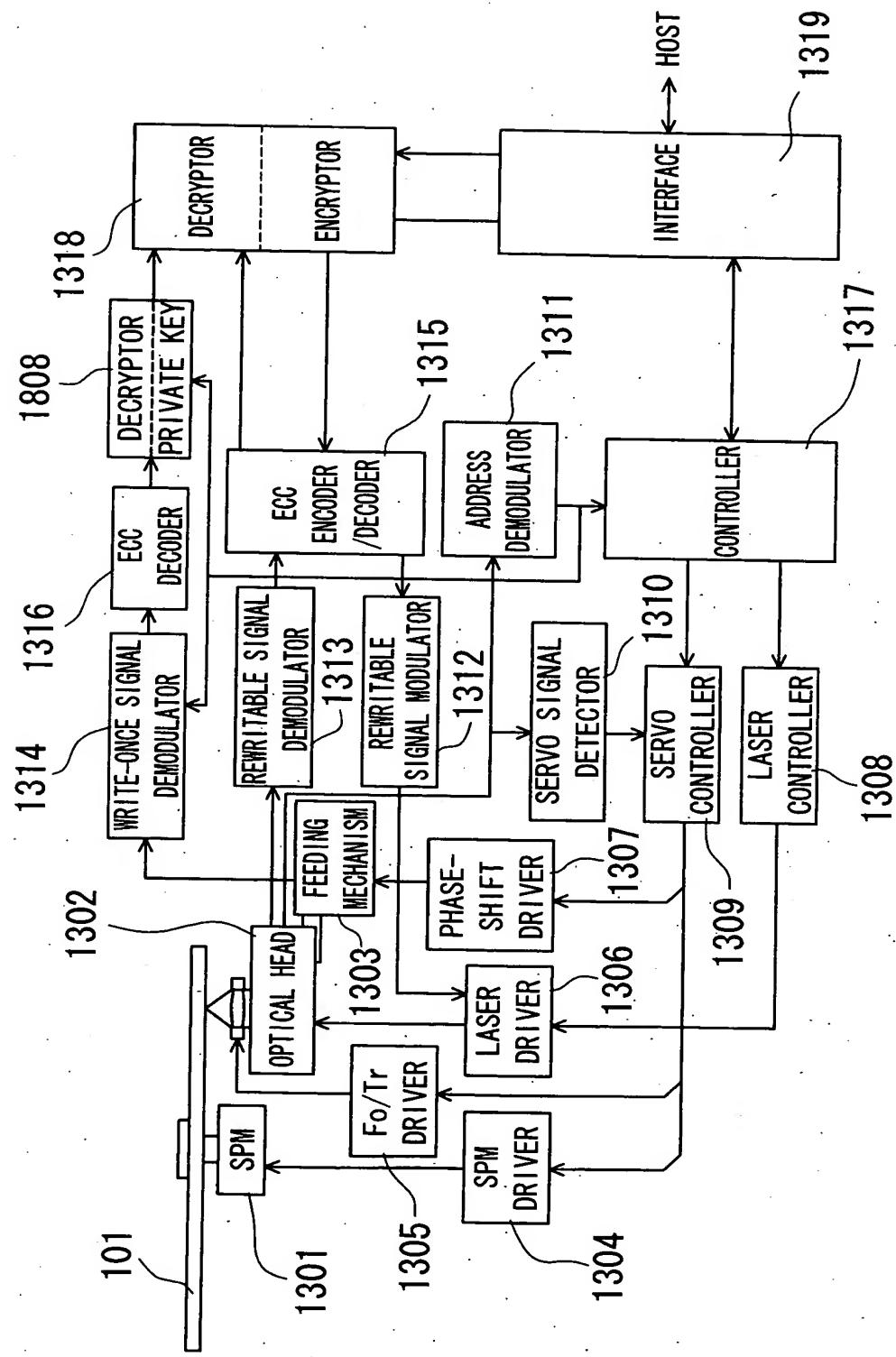


Fig. 19



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Fig. 20

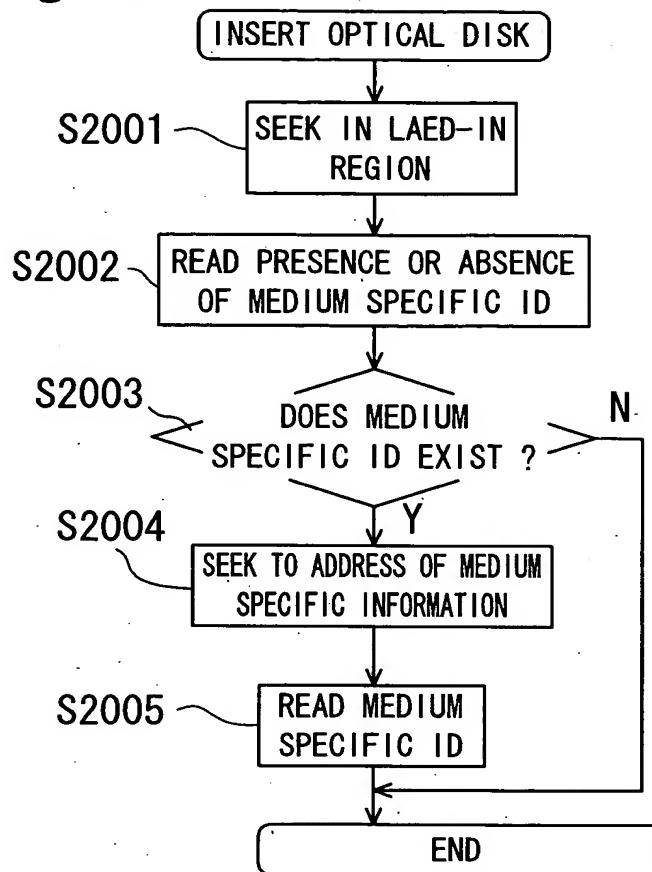
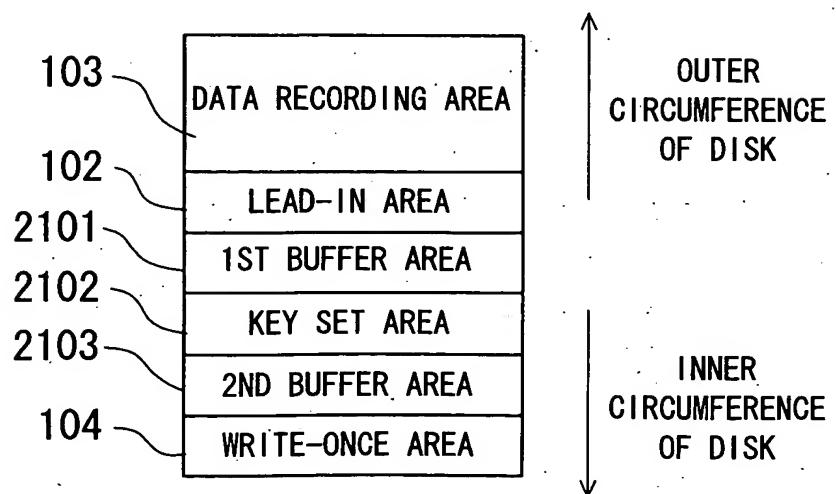


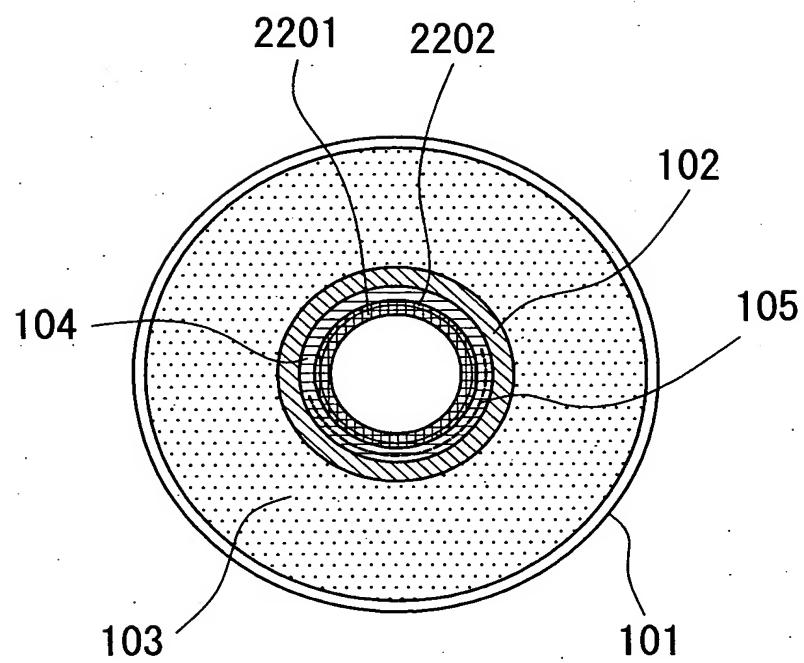
Fig. 21



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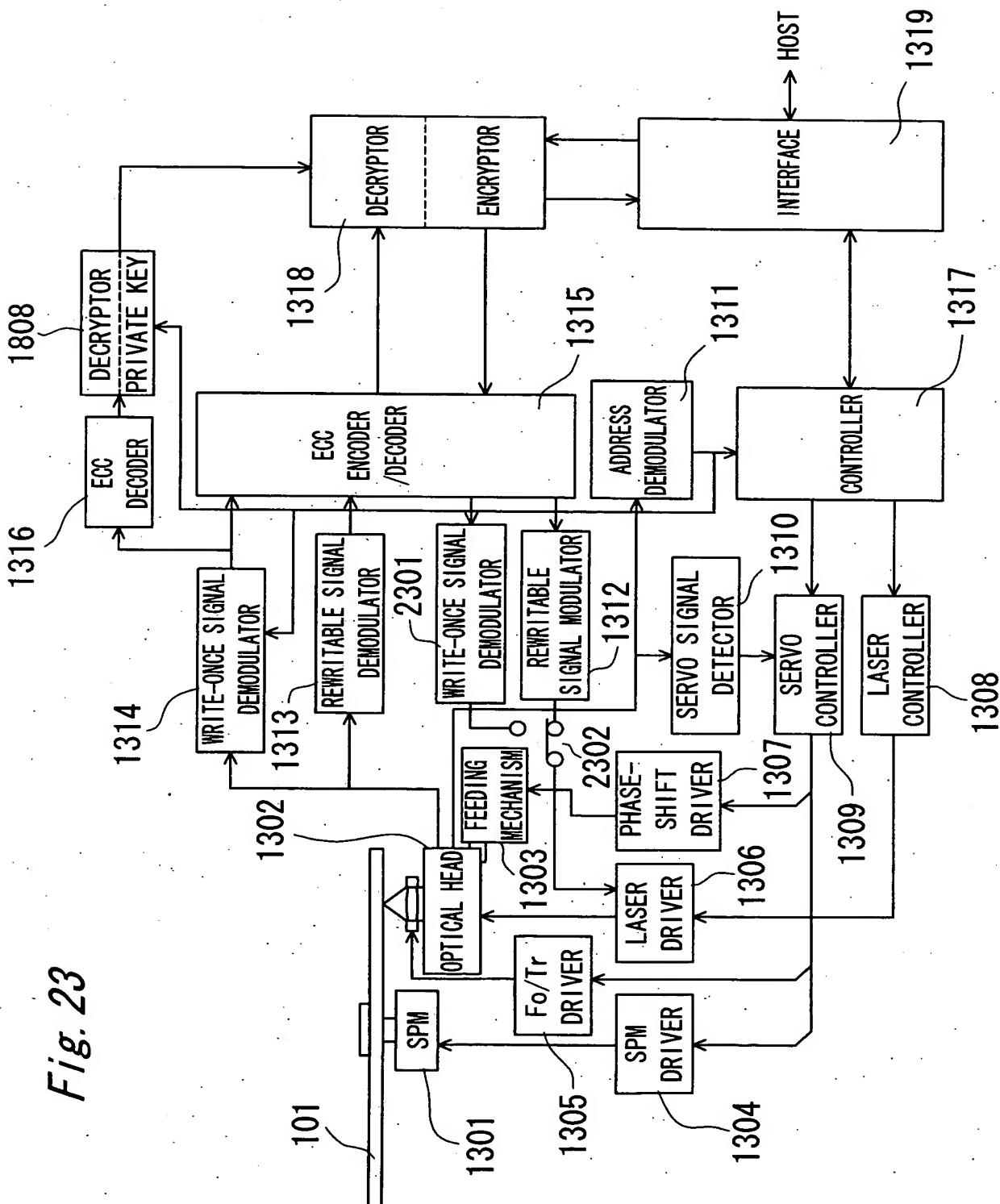
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Fig. 22



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Fig. 24

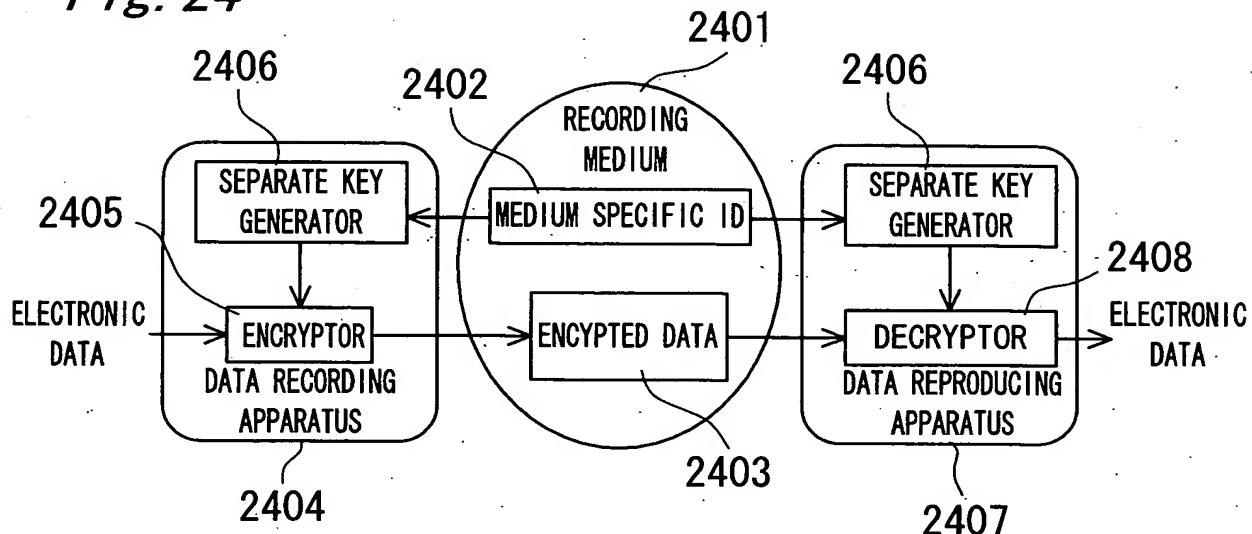


Fig. 25

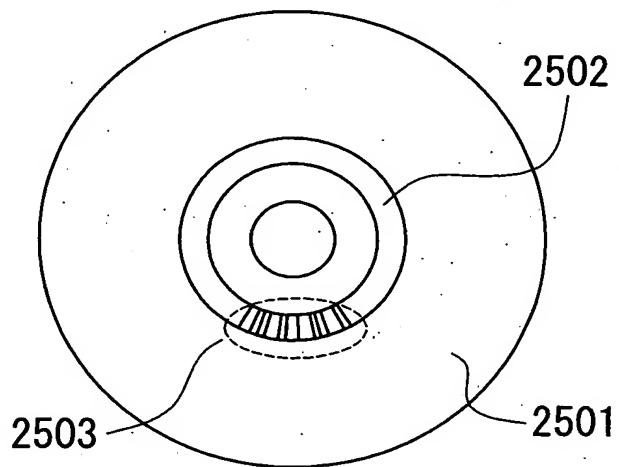
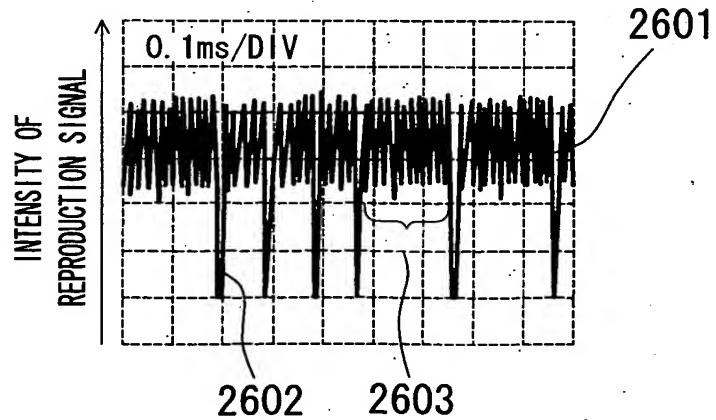


Fig. 26



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Fig. 27

